

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/796,947A  
Source: 1FW/6  
Date Processed by STIC: 8/24/06

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 08/24/2006

PATENT APPLICATION: US/10/796,947A

TIME: 13:45:07

Input Set : A:\50047.019002.ST25.txt

Output Set: N:\CRF4\08232006\J796947A.raw

3 <110> APPLICANT: Amar, Salomon  
 4 Tang, Xiaoren  
 6 <120> TITLE OF INVENTION: Novel LITAF Binding Site Peptides and Methods of Using the  
 Same  
 8 <130> FILE REFERENCE: 50047/019002  
 10 <140> CURRENT APPLICATION NUMBER: US 10/796,947A  
 11 <141> CURRENT FILING DATE: 2004-03-10  
 13 <150> PRIOR APPLICATION NUMBER: US 60/453,302  
 14 <151> PRIOR FILING DATE: 2003-03-10  
 16 <160> NUMBER OF SEQ ID NOS: 33  
 18 <170> SOFTWARE: PatentIn version 3.3  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 228  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Homo sapiens  
 25 <400> SEQUENCE: 1  
 27 Met Ser Val Pro Gly Pro Tyr Gln Ala Ala Thr Gly Pro Ser Ser Ala  
 28 1 5 10 15  
 31 Pro Ser Ala Pro Pro Ser Tyr Glu Glu Thr Val Ala Val Asn Ser Tyr  
 32 20 25 30  
 35 Tyr Pro Thr Pro Pro Ala Pro Met Pro Gly Pro Thr Thr Gly Leu Val  
 36 35 40 45  
 39 Thr Gly Pro Asp Gly Lys Gly Met Asn Pro Pro Ser Tyr Tyr Thr Gln  
 40 50 55 60  
 43 Pro Ala Pro Ile Pro Asn Asn Asn Pro Ile Thr Val Gln Thr Val Tyr  
 44 65 70 75 80  
 47 Val Gln His Pro Ile Thr Phe Leu Asp Arg Pro Ile Gln Met Cys Cys  
 48 85 90 95  
 51 Pro Ser Cys Asn Lys Met Ile Val Ser Gln Leu Ser Tyr Asn Ala Gly  
 52 100 105 110  
 55 Ala Leu Thr Trp Leu Ser Cys Gly Ser Leu Cys Leu Leu Gly Val His  
 56 115 120 125  
 59 Ser Gly Leu Leu Leu His Pro Leu Leu Arg Gly Cys Pro Ala Gly Arg  
 60 130 135 140  
 63 Gly Pro Leu Leu Ser Gln Leu Gln Ser Ser Pro Gly His Leu Gln Ala  
 64 145 150 155 160  
 67 Phe Val Gly Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser  
 68 165 170 175  
 71 Pro Phe His Leu Ser Ser Ser Phe Thr Pro Gly Gly Gly Ser Ala Leu  
 72 180 185 190  
 75 Val Val Ser Pro Leu Gln Gly Ala His Leu His Val Phe Phe Trp Gly  
 76 195 200 205  
 79 Glu Tyr Val Ala Lys Leu Thr Asn Leu Gln Thr Pro Glu Ile Ala Ala  
 80 210 215 220

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83 Trp Ser Arg Ala

84 225

87 &lt;210&gt; SEQ ID NO: 2

88 &lt;211&gt; LENGTH: 1773

89 &lt;212&gt; TYPE: DNA

90 &lt;213&gt; ORGANISM: Homo sapiens

92 &lt;400&gt; SEQUENCE: 2

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93 gtttctctcc ctgccccgc gacttcgcgc aagatccggg aaggacaccc gagggccctg      60
95 ggagaccctg gggaggtgaa agtcagagag cgaagcgggc cgtggccctt aggcctgacc      120
97 cctccccgcg gggtaaggcg ggcacccgcg gagcgagggt gtcctcttac tgctgatggc      180
99 acccagctct gggccagac gccgctcacc gtccaccgcc ggtgctgggt aaaatgtcgg      240
101 ttccaggacc ttaccaggcg gccactgggc cttcctcagc accatccgca cctccatcct      300
103 atgaagagac agtggctgtt aacagttatt accccacacc tccagctccc atgcctgggc      360
105 caactacggg gcttgtgacg gggcctgatg ggaagggcat gaatcctcct tcgtattata      420
107 cccagccagc gcccatcccc aataacaatc caattaccgt gcagacggtc tacgtgcagc      480
109 accccatcac ctttttgacg cgccctatcc aaatgtgttg tccttcctgc aacaagatga      540
111 tcgtgagtca gctgtcctat aacgccgggt ctctgacctg gctgtcctgc gggagcctgt      600
113 gcctgctggg ggtgcatagc gggctgctgc ttcaccccct tctgcgtgga tgccctgcag      660
115 gacgtggacc attactgtcc caactgcaga gctctcctgg gcacctacaa gcgtttgtag      720
117 gactcagcca gacgtggagg gagccgggtg ccgcagggaag tcctttccac ctctcatcca      780
119 gcttcacgcc tgggtggagg tctgcccctg tgggtctcacc tctccagggg gccacacctc      840
121 atgtcttctt ttggggggaa tacgtcgcaa aactaacaaa tctccaaacc ccagaaattg      900
123 ctgcttgagg tcgtgcatag gacttgcaaa gacattcccc ttgagtgtca gttccacggg      960
125 ttcttgcttc cctgagacct tgagtcctgc catctaaactg tgatcattgc cctatccgaa      1020
127 tatcttctcg tgatctgcca tcagtggctc ttttttctctg cttccatggg cctttctggt      1080
129 ggcagtctca aactgagaag ccacagttgc cttatttttg aggctgttct gccagagct      1140
131 cggctgaacc agcctttagt gcctaccatt atcttatccg tctcttcccg tccctgatga      1200
133 caaagatctt gccttacaga ctttacaggc ttggctttga gattctgtaa ctgcagactt      1260
135 cattagcaca cagattcact ttaatttctt aatttttttt ttaaatacaa ggaggggggt      1320
137 attaacaccc agtacagaca tatccacaag gtcgtaaagt catgctagaa aaatagggt      1380
139 ggatcttatc actgccctgt ctccccttgt ttctctgtgc cagatcttca gtgccccttt      1440
141 ccatacaggg atttttttct catagagtaa ttatatgaac agtttttatg acctcctttt      1500
143 ggtctgaaat acttttgaac agaatttctt ttttttaaaa aaaaacagag atgggggtctt      1560
145 actatgttgc ccaggctggg gtcgaactcc tgggctcaag cgatccttct gccttggcct      1620
147 cccgaagtgc tgggattgca ggcataagct accatgctgg gcctgaacat aatttcaaga      1680
149 ggaggattta taaaaccatt ttctgtaatc aaatgattgg tgtcattttc ccatttgcca      1740
151 atgtagtctc acttaaaaaa aaaaaaaaaa aaa                                1773

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154 &lt;210&gt; SEQ ID NO: 3

155 &lt;211&gt; LENGTH: 17

156 &lt;212&gt; TYPE: PRT

157 &lt;213&gt; ORGANISM: Artificial Sequence

159 &lt;220&gt; FEATURE:

160 &lt;223&gt; OTHER INFORMATION: synthetic

162 &lt;400&gt; SEQUENCE: 3

164 Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His

165 1 5 10 15

168 Leu

172 &lt;210&gt; SEQ ID NO: 4

173 &lt;211&gt; LENGTH: 5

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Input Set : A:\50047.019002.ST25.txt

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174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: synthetic
180 <400> SEQUENCE: 4
181 ctccc 5
184 <210> SEQ ID NO: 5
185 <211> LENGTH: 16
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: synthetic
192 <400> SEQUENCE: 5
194 Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His Leu
195 1 5 10 15
198 <210> SEQ ID NO: 6
199 <211> LENGTH: 26
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: synthetic
206 <400> SEQUENCE: 6
207 cgggatccat gtcggttcca ggacct 26
210 <210> SEQ ID NO: 7
211 <211> LENGTH: 26
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: synthetic
218 <400> SEQUENCE: 7
219 cggaattcgg taattggatt gttatt 26
222 <210> SEQ ID NO: 8
223 <211> LENGTH: 25
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: synthetic
230 <400> SEQUENCE: 8
231 cgggatccat gtcgttccag gacct 25
234 <210> SEQ ID NO: 9
235 <211> LENGTH: 26
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: synthetic
242 <400> SEQUENCE: 9
243 cggaattcca gttgggacag taatgg 26
246 <210> SEQ ID NO: 10
247 <211> LENGTH: 26

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Output Set: N:\CRF4\08232006\J796947A.raw

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248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: synthetic
254 <400> SEQUENCE: 10
255 cgggatccgt gcagacggtc tacgtg 26
258 <210> SEQ ID NO: 11
259 <211> LENGTH: 26
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: synthetic
266 <400> SEQUENCE: 11
267 cggaattcca gttgggacag taatgg 26
270 <210> SEQ ID NO: 12
271 <211> LENGTH: 26
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: synthetic
278 <400> SEQUENCE: 12
279 cgggatccat gtcggttcca ggacct 26
282 <210> SEQ ID NO: 13
283 <211> LENGTH: 26
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: synthetic
290 <400> SEQUENCE: 13
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294 <210> SEQ ID NO: 14
295 <211> LENGTH: 26
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: synthetic
302 <400> SEQUENCE: 14
303 cgggatccca gagctctcct gggcac 26
306 <210> SEQ ID NO: 15
307 <211> LENGTH: 26
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: synthetic
314 <400> SEQUENCE: 15
315 cgggatccgg accattactg tcccaa 26
318 <210> SEQ ID NO: 16
319 <211> LENGTH: 30
320 <212> TYPE: DNA

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Input Set : A:\50047.019002.ST25.txt

Output Set: N:\CRF4\08232006\J796947A.raw

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324 <223> OTHER INFORMATION: synthetic
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331 <211> LENGTH: 18
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: synthetic
338 <400> SEQUENCE: 17
339 catgtcttct tttggggg 18
342 <210> SEQ ID NO: 18
343 <211> LENGTH: 30
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: synthetic
350 <400> SEQUENCE: 18
351 tccaccaggc gtgaatccta caaacgcttg 30
354 <210> SEQ ID NO: 19
355 <211> LENGTH: 18
356 <212> TYPE: DNA
357 <213> ORGANISM: Artificial Sequence
359 <220> FEATURE:
360 <223> OTHER INFORMATION: synthetic
362 <400> SEQUENCE: 19
363 ttcacgcctg gtggaggt 18
366 <210> SEQ ID NO: 20
367 <211> LENGTH: 22
368 <212> TYPE: DNA
369 <213> ORGANISM: Artificial Sequence
371 <220> FEATURE:
372 <223> OTHER INFORMATION: synthetic
374 <400> SEQUENCE: 20
375 agctcctggg agatatggcc ac 22
378 <210> SEQ ID NO: 21
379 <211> LENGTH: 22
380 <212> TYPE: DNA
381 <213> ORGANISM: Artificial Sequence
383 <220> FEATURE:
384 <223> OTHER INFORMATION: synthetic
386 <400> SEQUENCE: 21
387 ggggtgtgcca acaactgcct tt 22
390 <210> SEQ ID NO: 22
391 <211> LENGTH: 20
392 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence

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**VERIFICATION SUMMARY**

DATE: 08/24/2006

PATENT APPLICATION: US/10/796,947A

TIME: 13:45:08

Input Set : A:\50047.019002.ST25.txt

Output Set: N:\CRF4\08232006\J796947A.raw